

VALVE BOX PER SPECS.

6"

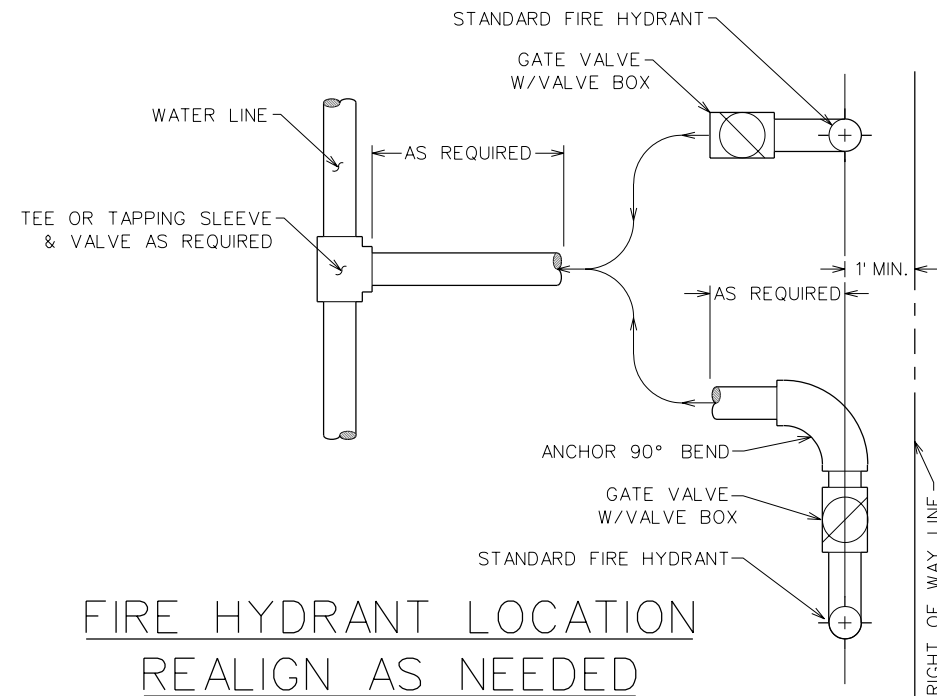
2" SQUARE AWWA NUT EXTENSION. TERMINATE 12" FROM TOP OF BOX.

STD. GATE VALVE W/STAINLESS STEEL BOLTS

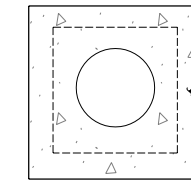
PVC OR D.I. PIPE

BLOCK AS DIRECTED. MIN. DIMENSION APPROX. EQUAL TO ONE BAG OF SACKRETE

W1-00

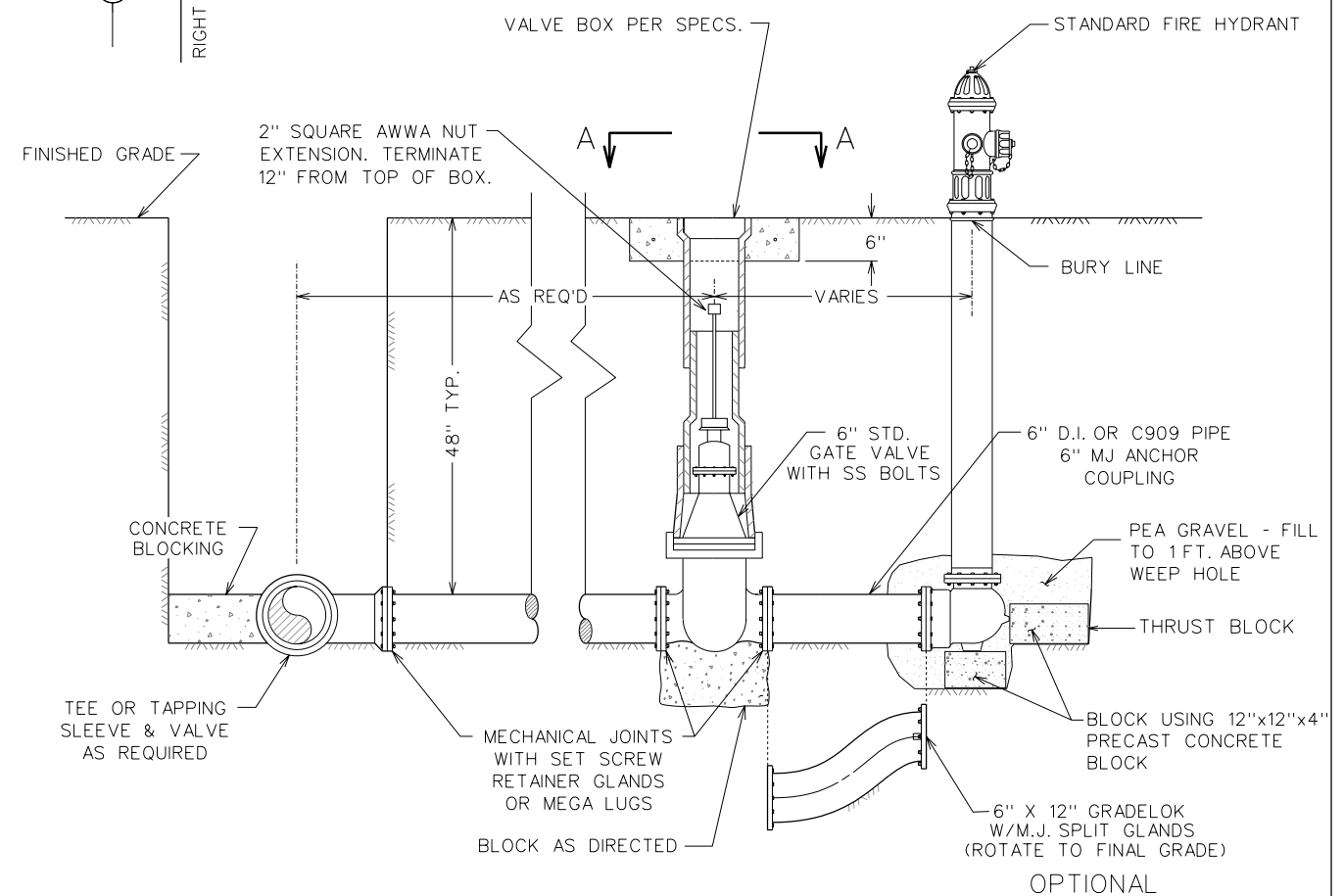


FIRE HYDRANT LOCATION
REALIGN AS NEEDED



24" X 24" X 6"
28-DAY CONCRETE
STRENGTH = 2000 psi
WITH #4 BAR AROUND
ALL VALVE BOX.

VIEW A - A



W1-01

- (1) Finely divided earth free of rock, lumps and clods exceeding 6" shall be placed by hand, and compacted around the cast iron pipe to a depth of 12" over the top of the pipe before back fill is begun by any mechanical equipment.
- (2) All concrete blocking shall be - 28 day concrete strength = 2000psi.
- (3) All thrust blocking shall provide a minimum of 2 square feet of bearing area of concrete on undisturbed soil, or as directed by the engineer.
- (4) Water mains will not be fully pressurized until concrete has reached 7 day strength.
- (5) All pipe will be laid so as the entire barrel will have full bearing on the fine graded trench bottom. Bellholes shall be cut for each bell and fire hydrant.
- (6) All gate valves to be "O" ring type, with non-rising stems; with M. J. ends including all glands, bolts and gaskets; and to open counter-clockwise (left).
- (7) All fittings shall be mechanical joints unless otherwise directed.